MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

FEBRUARY 1924

J. A. BROWN, DIRECTOR

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Weather Bureau

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FEBRUARY 1924

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	761.1	759.1	759.0	759.7	15.9	10.0		5.7	
2	57.8	5.4	2.7	5.3	13.6	9.4		0.2	33.64
3	2.4	2.4	3.5	2.8	13.4	7.8		0.2	88.47
4	2.1	2.1	3.2	2.5	14.1	7.9		0.3	11.30
5	9.8	62.3	65.0	61.7	12.4	8.9	—	6.4	0.25
6	3.3	0.5	2.2	2.0	13.0	6.7		0.6	12.95
7	60.2	57.6	56.9	58.2	16.4	7.4		6.7	2.16
8	52.1	3.3	5.3	3.6	17.2	12.9		1.7	15.75
9	8.3	7.7	61.0	9.0	14.1	10.7		0.8	3.41
10	63.8	63.8	4.7	64.1	16.0	9.6	—	8.2	
11	5.2	5.0	6.2	5.5	15.9	10.0		9.7	
12	6.6	5.1	3.8	5.2	17.0	11.1		9.2	
13	0.3	58.5	0.8	59.9	20.4	12.1		5.2	0.89
14	3.2	63.7	5.0	64.0	17.3	11.9		3.2	14.73
15	5.3	3.5	2.3	3.7	19.2	11.7	—	8.9	1.02
16	1.2	1.7	2.2	1.7	17.9	14.8		5.8	
17	2.6	2.0	1.9	2.2	17.3	10.1		2.0	10.41
18	2.0	1.8	2.3	2.0	15.8	11.0		5.6	5.46
19	2.2	0.9	59.3	0.8	17.4	10.6		4.8	
20	57.3	57.4	7.5	57.4	21.3	13.9	—	1.4	
21	8.1	8.7	9.6	8.8	19.1	14.2		6.4	0.25
22	9.8	9.1	60.1	9.7	18.1	13.4		5.0	
23	60.8	9.6	57.3	9.2	19.9	12.3		3.9	
24	53.2	4.9	8.2	5.4	22.9	15.1		1.7	
25	9.1	8.5	7.1	8.2	17.9	13.7	—	4.2	0.38
26	8.1	9.6	62.0	9.9	16.4	9.7		4.3	8.12
27	65.0	65.0	5.7	65.2	17.3	10.6		5.7	5.33
28	6.0	4.5	4.8	5.1	16.5	11.2		9.5	
29	1.8	59.3	54.7	58.6	21.8	13.3		3.8	
30									
31									
	760.3	759.7	760.1	760.0	17.1	11.1		4.5	214.5

BAROMETER

Maximum	766.6	on 12th
Minimum	752.1	on 4th & 8th

THERMOMETER

Maximum	22.9	on 24th
Minimum	6.7	on 6th
Minimum on grass		on

RAINFALL

Maximum 88.47 mm. on 3rd

Number of days with rain 17 thunderstorms 0 fog 0 gale 2

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	11.0	15.4	12.6	13.0	8.3	12.9	10.7	6.8	9.5	8.5	8.3	70	72	78	73
2	9.4	10.7	9.3	9.8	9.1	9.2	8.2	8.3	7.9	7.6	7.9	94	83	87	88
3	11.9	12.7	8.7	11.1	10.5	10.8	8.3	8.6	8.6	8.0	8.4	83	79	96	86
4	11.6	11.4	11.7	11.6	9.6	11.1	9.8	7.8	9.6	8.0	8.5	77	95	78	80
5	9.9	11.2	8.1	9.7	5.3	6.6	5.4	4.7	5.2	5.5	5.1	52	53	68	58
6	7.7	13.2	9.1	10.0	7.5	11.2	8.7	7.4	8.8	8.2	8.1	94	78	96	89
7	13.2	16.2	14.6	14.7	10.5	13.3	9.7	8.0	9.7	6.7	8.5	71	71	54	65
8	15.7	11.8	13.5	13.7	11.7	10.9	10.3	8.1	9.1	7.7	8.3	61	88	67	72
9	12.4	12.9	13.1	12.8	9.3	10.0	9.8	6.9	7.6	7.4	7.3	63	68	65	65
10	13.0	15.3	12.1	13.5	10.5	11.4	9.7	8.1	8.0	7.7	7.9	73	62	73	69
11	13.4	15.4	12.8	13.9	10.6	12.1	10.1	8.1	8.7	7.7	8.2	70	67	70	69
12	14.1	15.4	13.9	14.8	10.2	13.2	11.9	7.3	9.5	9.2	8.7	61	68	77	69
13	15.4	17.2	14.2	15.6	12.6	14.7	12.4	9.2	10.8	9.7	9.9	70	74	80	75
14	14.2	17.2	13.6	15.0	12.6	14.3	11.8	10.0	10.4	9.3	9.9	82	71	80	78
15	15.7	15.7	15.3	15.6	11.7	14.2	12.6	8.1	11.1	9.3	9.5	61	84	72	72
16	16.7	17.1	15.3	16.4	14.4	13.8	12.6	10.8	9.9	9.3	10.0	76	69	73	73
17	11.5	15.6	15.3	14.1	10.9	13.0	12.3	9.3	9.6	9.0	9.3	92	73	69	78
18	11.7	14.6	12.0	12.8	10.9	11.2	9.6	9.3	8.1	7.6	8.3	91	63	73	76
19	14.3	17.2	16.3	15.9	11.6	14.0	12.1	8.7	10.0	8.2	9.0	72	68	60	67
20	19.7	18.6	16.9	18.4	14.6	16.5	15.3	9.5	10.0	12.0	10.5	55	80	84	73
21	16.4	17.4	15.6	16.5	14.4	15.1	13.8	11.0	11.2	10.7	11.0	79	76	81	79
22	14.8	17.9	13.9	14.1	12.8	15.3	12.8	9.9	11.3	10.3	10.5	79	74	87	80
23	15.6	16.8	15.9	16.1	12.9	14.2	12.5	9.5	10.5	8.9	9.6	70	74	66	70
24	22.4	19.4	16.6	19.5	14.4	17.1	14.4	8.2	10.3	10.9	9.8	41	77	77	65
25	16.3	17.4	14.7	16.1	13.8	12.7	11.9	10.2	8.4	8.8	9.1	74	57	70	67
26	15.1	13.7	14.8	14.5	11.7	11.4	12.8	8.3	8.8	9.8	9.0	66	75	78	73
27	14.7	16.8	12.4	14.6	11.1	12.3	10.8	7.9	8.3	8.7	8.3	63	58	80	67
28	15.2	16.2	15.2	15.5	11.8	13.0	13.3	8.4	9.3	10.2	9.3	65	68	79	71
29	17.2	18.3	22.1	19.2	13.2	15.7	14.6	9.1	11.5	8.6	9.7	63	74	43	60
30															
31															
	14.1	15.7	13.8	14.5	11.3	12.8	11.3	8.5	9.4	8.8	8.9	71	72	75	73

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	8	1n	3.0	0	1	0	99.5	calm	few drops
2	9n	10n	10n	9.7	0	2	2	486.6	slight	hail & gale
3	9n	9n	10n	9.3	3n	3n	2	532.9	,,	lightning and
4	9cu n	8cu n	2n	6.3	3	4	3nw	486.2	rough	thunder
5	5cu n	2	2	3.0	2nw	2	0	773.8	slight	
6	10n	10cu n	10n	10	0	0	0	263.8	v. slight	
7	5cu n	3ci	3	3.7	4s	3	0	543.2	rough	
8	5cu s	10n	5cu n	6.7	3	3	3	615.3	,,	
9	10cu n	7cu n	6cu n	7.7	2w	2	3	237.2	slight	
10	2	1	8cu n	3.7	0	1	0	160.4	v. slight	
11	0	0	0	0	0	2n	0	76.9	,,	
12	0	0	2	0.7	0	1nw	1	122.6	calm	
13	9ci	3	10cu n	7.3	0	2s	3	269.4	slight	
14	5n	2	10n	6.3	2	1	0	309.6	,,	
15	2ci	0	2s	1.3	0	2	0	245.1	,,	
16	7	3cu n	4cu n	4.7	2	3	1	342.3	v. slight	
17	10n	8cu n	2	6.7	2	0	3	172.2	slight	
18	9cu n	0	0	3.0	1	1ne	0	257.5	v. slight	
19	8ci s	5	9ci	7.3	0	2	0	163.1	calm	
20	9s	10cu n	9cu n	9.3	3	2	1	428.7	slight	
21	0	2	7cu s	3.0	0	2n	0	200.0	calm	
22	10	1	1	4.0	0	1	0	60.6	,,	
23	1s	10cu s	3n	4.7	0	1n	0	96.6	,,	
24	6cu s	4cu s	1n	3.7	3s	3	1	310.9	rough	few drops
25	1	1	2n	1.3	1	3	3w	402.2	,,	lightning n.
26	4cu n	9cu n	9cu n	7.3	4	4w	3	414.4	,,	hail & gale at
27	1	4cu s	1	2.0	0	2	0	148.2	slight	night
28	0	0	0	0	0	2ne	0	253.6	v. slight	
29	3cu s	10	3	5.3	0	1	0	97.1	calm	sirocco at
30										night
31										
				4.7				255.5		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	0	0	0	2	9	1	1	15
2:30	4	2	0	0	1	18	1	1	2
8:30	0	0	0	0	0	11	1	1	16
Totals	5	2	0	0	3	38	3	3	33

N.B.—Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.